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November 24, 2010

ATTN: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Title: GROUP I-III-VI QUATERNARY OR HIGHER ALLOY
SEMICONDUCTOR FILMS
Letters Patent No. 7,744,705
Issued: June 29, 2010
Our Reference: DMKISCH.003APC

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

As some of the errors cited in the Certificate of Correction were incurred through the fault of the Applicant, payment in the amount of \$100 is submitted herewith. Please charge any additional fees to our Deposit Account No. 11-1410.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP



David K. Buckingham
Registration No. 60,695
Customer No. 20995

Enclosures

10061727
112410

Orange County
949-760-0404

San Diego
858-836-9000

Los Angeles
310-551-3450

Riverside
951-781-9231

Seattle
206-405-2000

Washington, DC
202-640-6400

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,744,705
APPLICATION NO. : 10/568,229
ISSUE DATE : June 29, 2010
INVENTOR(S) : Vivian Alberts

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Page 1, (item 57 Abstract), Line 2, please change "IB-III A. VIA" to --IB-III A-VIA--

On Page 1, (item 57 Abstract), Line 3, after "invention" please change "relations" to ---relates--

On Page 2, Column 2, Line 3, please change "CuInSe₂" to --CuInSe₂--

On Page 2, Column 2, Line 22, please change "CuInSe₂-" to --CuInSe₂---

On Page 2, Column 2, Line 36, please change "a&" to --&--

In Column 1, Line 15, after "films" insert --,--

In Column 2, Line 25, please change "Cu(In_{1-x}Ga_x)(Se_{1-y}S_y)₂" to --Cu(In_{1-x}Ga_x)(Se_{1-y}S_y)₂--

In Column 3, Line 32, please change "Cu(In,Ga)(Se₂)" to --Cu(In,Ga)Se₂--

In Column 3, Line 38 (approximate), please change "In" to --in--

In Column 4, Lines 12-13, please change "0.40 and 50" to --0.4° and 5°--

MAILING ADDRESS OF SENDER:

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Page 2 of 3

In Column 4, Line 42 (approximate), please change " $A_{(B1-x)C_x}(D_{1-y}E_y)_2$ " to $--A_{(B1-x)C_x}(D_{1-y}E_y)_2--$

In Column 4, Line 57, please change "(20_[112])" to $--(20_{[112]})--$

In Column 5, Lines 20-21, please change "(20_[112])" to $--(20_{[112]})--$

In Column 5, Line 22, after "3.1840" insert $--$.

In Column 6, Line 22, please change "0.007" to $--0.007--$

In Column 9, Line 21, please change "In(Se,S)" to $--In(Se,S)--$

In Column 9, Line 62, please change "Cu(In,Ga)Seth 2" to $--Cu(In,Ga)Se_2--$

In Column 12, Line 36, please change "FIG." to $--FIGS.--$

In Column 12, Line 36, please change "quanternary" to $--quaternary--$

In Column 12, Line 42, please change "FIG." to $--FIGS.--$

In Column 12, Line 43, please change "quanternary" to $--quaternary--$

In Column 13, Line 7, please change "(0.154056 Å)" to $--(0.154056 \text{ \AA})--$

In Column 13, Line 57, please change "1200° C." to $--120^\circ \text{ C.}--$

In Column 14, Line 28 (approximate), before "atomic" please change "(Ga+in)" to $--(Ga+In)--$

In Column 15, Line 21 (approximate), please change "FIG." to $--FIGS.--$

In Column 16, Line 42, please change " $CuGa(Se_{1-y}S_y)_2$ " to $--CuGa(Se_{1-y}S_y)_2--$

In Column 17, Line 1, please change "and(iv)" to $--and(iv)--$

In Column 17, Line 5, please change "and(iv)," to $--and(iv),--$

In Column 17, Line 16 (approximate), please change " $Se_{1-y}S_y)_2$ " to $--(Se_{1-y}S_y)_2--$

In Column 17, Line 19 (approximate), please change "and(iv)" to $--and(iv)--$

In Column 17, Line 33 (Table 2), below "conditions" please change " H_2Se/Ar " to $--H_2S/Ar--$

In Column 19, Line 43 (approximate), after "0.001" insert $--$.

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Page 3 of 3

In Column 22, Line 32, please change "and the their" to --and their--

In Column 23, Line 65, please change "and(iv)" to --and (iv)--

In Column 26, Line 32, please change "and the their" to --and their--

In Column 26, Line 58, please change "⁵⁵⁴These" to --[†]These--

In Column 27, Line 57, please change "bahaviour" to --behaviour--

In Column 28, Line 35, please change "in. Se and S" to --In, Se and S--

In Column 29, Line 8, in Claim 3, please change "D and" to --D, and--

In Column 29, Line 37, in Claim 14, please change "wherein, D" to --wherein D--

In Column 29, Line 42 (approximate), in Claim 15, please change "0.25 and 0.3." to --0.25 to 0.3.--

In Column 29, Line 55 (approximate), in Claim 19, please change "(112)" to --[112]--

In Column 29, Line 57 (approximate), in Claim 20, please change "(112)" to --[112]--

In Column 30, Line 11, in Claim 25, please change "0.1 and 0.5." to --0.1 to 0.5.--

In Column 30, Line 17, in Claim 27, please change "(112)" to --[112]--

In Column 30, Line 23, in Claim 29, please change "(112)" to --[112]--

In Column 30, Line 30, in Claim 32, please change "0.1 and 0.5" to --0.1 to 0.5.--

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